

Test Report No:
2540501R-RFUSV01S-A

TEST REPORT

FCC Rules & Regulations

Product Name	DIGITAL CAMERA
Brand Name	RICOH
Model No.	R09010
FCC ID	2ACZS-R09010
Applicant's Name / Address	RICOH IMAGING COMPANY, LTD. 1-3-6, Nakamagome, Ohta-ku, Tokyo 143-8555, Japan
Manufacturer's Name	RICOH IMAGING COMPANY, LTD.
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By April Chen	
Tested By Bill Lin	
Approved By Alan Chen	
Date of Receipt	2025/04/16
Date of Issue	2025/06/12
Report Version	V1.0

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Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	2025/06/12

Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
3	AC Power Line Conducted Emission	PASS	-
4	6dB Bandwidth	PASS	-
5	Maximum Peak Conducted Output Power	PASS	-
6	Power Spectral Density	PASS	-
7	Antenna Port Conducted Emission	PASS	-
8	Radiated Emission	PASS	-

Comments and Explanations
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1. General Information

1.1. EUT Description

Frequency Range	2400 ~ 2483.5 MHz
Operating Frequency / Channel Number	2402 ~ 2480 MHz / 40 Channels
Mode	Bluetooth LE
Type of Modulation	GFSK (1 Mbps, 2 Mbps)

Accessories Information		
No.	Equipment Name	Description
1	USB Cable	Shielded, 0.7m, with one ferrite core bonded.

Antenna Information				
Item.	Brand Name	Model No.	Type	Antenna Gain (dBi)
1	RICOH	T441A	Monopole	-0.1

Note: The antenna of EUT conforms to FCC 15.203.

1.2. EUT Information

EUT Power Type	From DC 3.85V (by Battery) / DC 5V (by USB)
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1.3. Testing Location Information

USA	FCC Designation Number: TW0033
Canada	CAB Identifier Number: TW3023 / Company Number: 26930

Site Description	Accredited by TAF
	Accredited Number: 3023

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
	Linkou Laboratory
Address	No. 85, Wenlin St., Linkou Dist., New Taipei City 244017, Taiwan, R.O.C.
Performed Location	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.
Phone Number	+886-3-275-7255
Fax Number	+886-3-327-8031

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual	Test Date
AC Power Line Conducted Emission	Temperature (°C)	10~40 °C	25.3 °C	2025/04/29
	Humidity (%RH)	10~90 %	52.5 %	
RF Conducted Emission	Temperature (°C)	10~40 °C	24.3 °C	2025/04/23
	Humidity (%RH)	10~90 %	51.5 %	
Radiated Emission	Temperature (°C)	10~40 °C	24.3 °C	2025/04/28
	Humidity (%RH)	10~90 %	72.5 %	

1.4. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document.

The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test item	Uncertainty
AC Power Line Conducted Emission	± 3.50 dB
6dB Bandwidth	± 1580.61 Hz
Maximum Peak Conducted Output Power	Spectrum Analyzer: ± 2.13 dB Power Meter: ± 1.05 dB
Power Spectral Density	± 2.13 dB
Antenna Port Conducted Emission	± 2.13 dB
Radiated Emission	9 kHz~30 MHz: ± 3.30 dB 30 MHz~1 GHz: ± 5.19 dB 1 GHz~18 GHz: ± 4.46 dB 18 GHz~40 GHz: ± 4.19 dB
Duty Cycle	± 0.62 %

1.5. List of Test Equipment

For Conduction Measurements / HY-SR01

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	EMI Test Receiver	R&S	ESR7	101601	2024/06/24	2025/06/23
V	Two-Line V-Network	R&S	ENV216	101306	2024/04/01	2026/03/31
V	Two-Line V-Network	R&S	ENV216	101307	2023/08/17	2025/08/16
V	Coaxial Cable	SUHNER	RG400_BNC	RF001	2025/01/10	2026/01/09

Note:

1. Two-Line V-Network is calibrated every two years, the other equipment is calibrated every year.
2. The test instruments marked with "V" are used to measure the final test results.
3. Test Software Version: e3 230303 dekra V9.

For Conducted Measurements / HY-SR02

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	Spectrum Analyzer	R&S	FSV30	103466	2024/12/18	2025/12/17
V	Peak Power Analyzer	KEYSIGHT	8990B	MY51000539	2024/05/07	2025/05/06
V	Wideband Power Sensor	KEYSIGHT	N1923A	MY59240002	2024/05/08	2025/05/07
V	Wideband Power Sensor	KEYSIGHT	N1923A	MY59240003	2024/05/08	2025/05/07

Note:

1. All equipment is calibrated every year.
2. The test instruments marked with "V" are used to measure the final test results.
3. Test Software Version : DTC_RF_Tool_Release V100

For Radiated Measurements /HY-CB03

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	Loop Antenna	TESEQ	HLA6121	49611	2025/02/18	2026/02/17
V	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-0675	2023/08/09	2025/08/08
V	Horn Antenna	Com-Power	AH-840	101101	2023/12/04	2025/12/03
V	Horn Antenna	RF SPIN	DRH18-E	210507A18ES	2024/05/15	2025/05/14
V	Pre-Amplifier	SGH	SGH0301-9	20211007-11	2025/01/10	2026/01/09
V	Pre-Amplifier	SGH	PRAMP118	20200701	2025/01/10	2026/01/09
V	Pre-Amplifier	EMCI	EMC05820SE	980310	2025/01/10	2026/01/09
V	Pre-Amplifier	EMCI	EMC184045SE	980369	2025/01/10	2026/01/09
V	Coaxial Cable	EMCI	EMC102-KM-KM-600	1160311	2025/01/10	2026/01/09
V	Coaxial Cable	EMCI	EMC102-KM-KM-7000	170242	2025/01/10	2026/01/09
V	Filter	MICRO TRONICS	BRM20887	G003	2025/01/05	2026/01/04
	Filter	MICRO TRONICS	BRM50716	G196	2025/01/05	2026/01/04
V	EMI Test Receiver	R&S	ESR3	102793	2024/12/06	2025/12/05
V	Spectrum Analyzer	R&S	FSV3044	101114	2025/02/26	2026/02/25
V	Coaxial Cable	SGH	SGH18	2021005-1	2025/01/10	2026/01/09
V	Coaxial Cable	SGH	SGH18	202108-4	2025/01/10	2026/01/09
V	Coaxial Cable	SGH	HA800	GD20110223-1	2025/01/10	2026/01/09
V	Coaxial Cable	SGH	HA800	GD20110222-8	2025/01/10	2026/01/09

Note:

1. Bi-Log Antenna and Horn Antenna (AH-840) are calibrated every two years, the other equipment is calibrated every year.
2. The test instruments marked with "V" are used to measure the final test results.
3. Test Software Version: e3 230303 dekra V9.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	DC 5V (by USB)

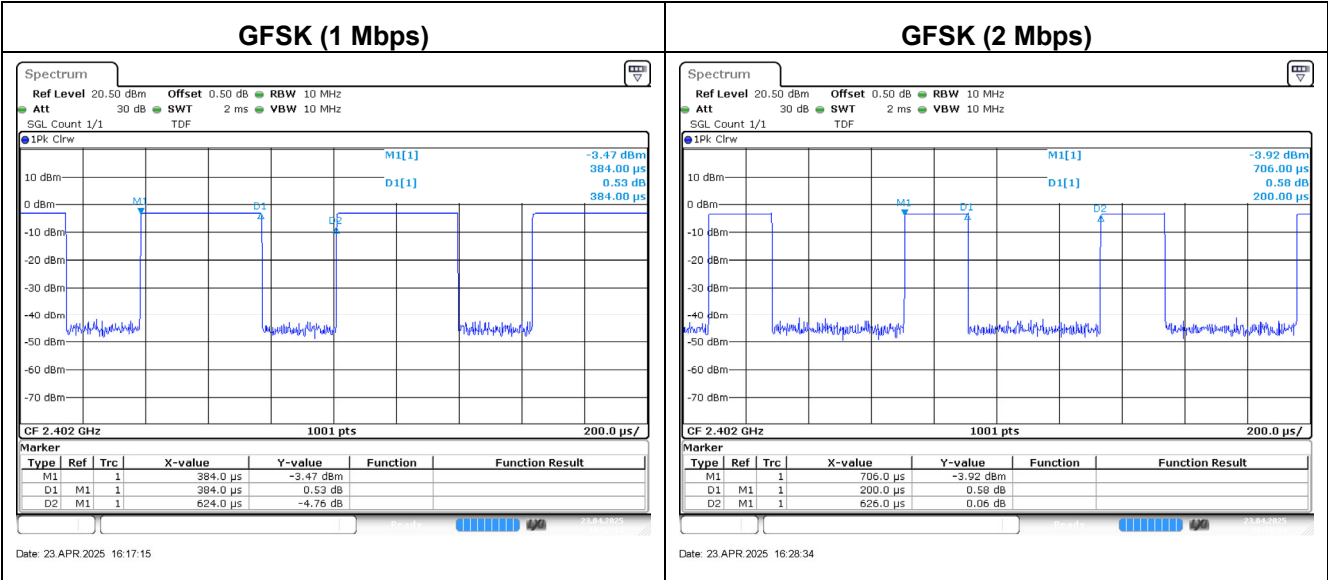
2.2. Test Frequency Mode

Test Software Version	RICOH / Version 00.20.01.01
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Modulation	Frequency (MHz)	Power Setting
GFSK (1 Mbps)	2402	0
	2440	0
	2480	0
GFSK (2 Mbps)	2402	0
	2440	0
	2480	0

2.3. Duty Cycle

Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	VBW (Hz)
GFSK (1 Mbps)	0.3840	0.6240	61.54	2.11	3000
GFSK (2 Mbps)	0.2000	0.6260	31.95	4.96	10000



2.4. Measurement Configuration

Test Mode	Mode 1 (Transmit)	GFSK (1 Mbps)
		GFSK (2 Mbps)

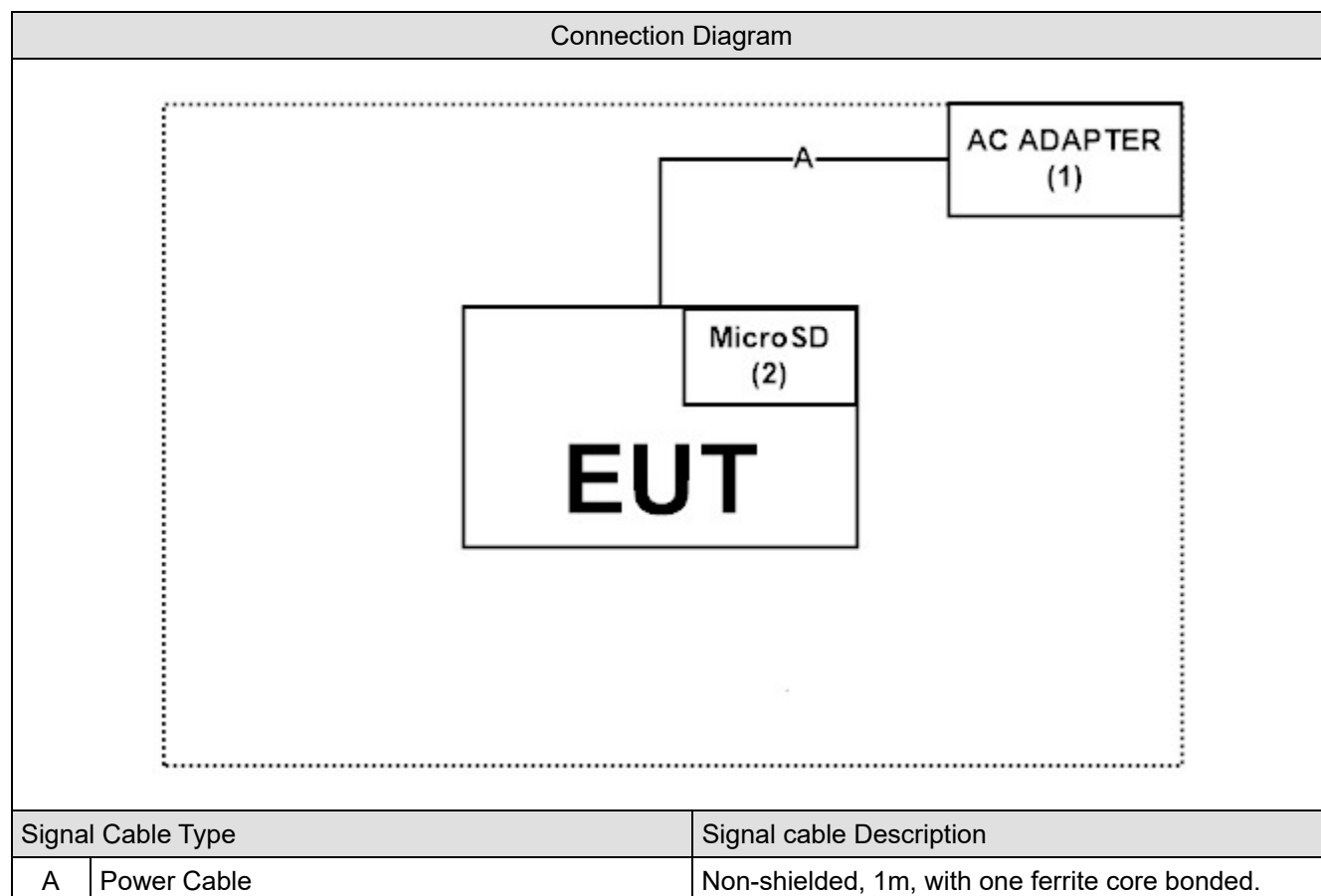
Note:

1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated emissions below 1 GHz and AC power line conducted emissions, all modes of operation were investigated, and the worst-case emissions are reported.
3. The radiation measurements are performed in the X, Y, and Z axis positions. Only the worst case is shown in the report.

2.5. Tested System Details

No.	Equipment	Brand Name	Model No.	Serial No.	Power Cord
1	AC ADAPTER	RICOH	CPD036T-A120	N/A	N/A
2	Micro SD	SanDisk	SanDisk 4GB	N/A	N/A

2.6. Configuration of Tested System

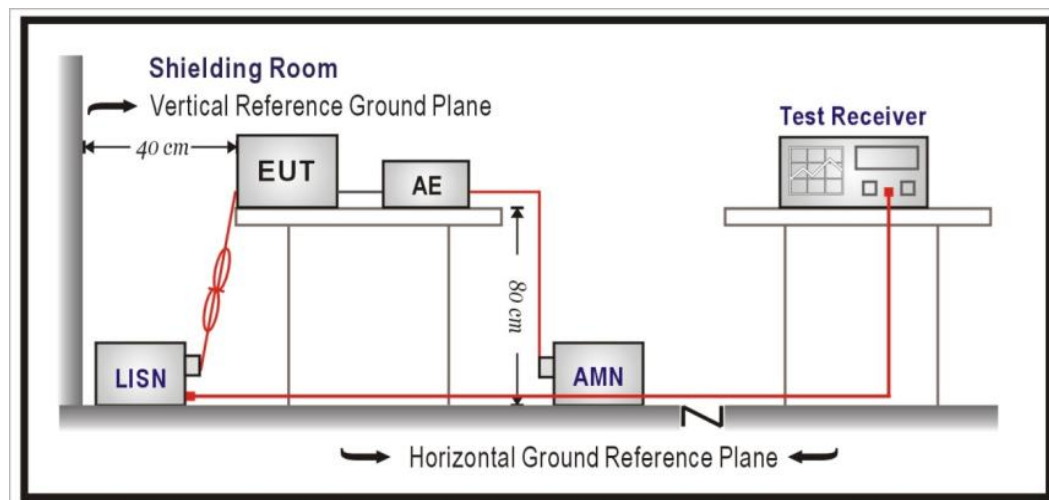


2.7. EUT Operating Procedures

1	Setup the EUT as shown in Section 2.6.
2	Execute software "RICOH / Version 00.20.01.01" on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press "OK" to start the continuous Transmit.
5	Verify that the EUT works properly.

3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

3.3. Test Procedure

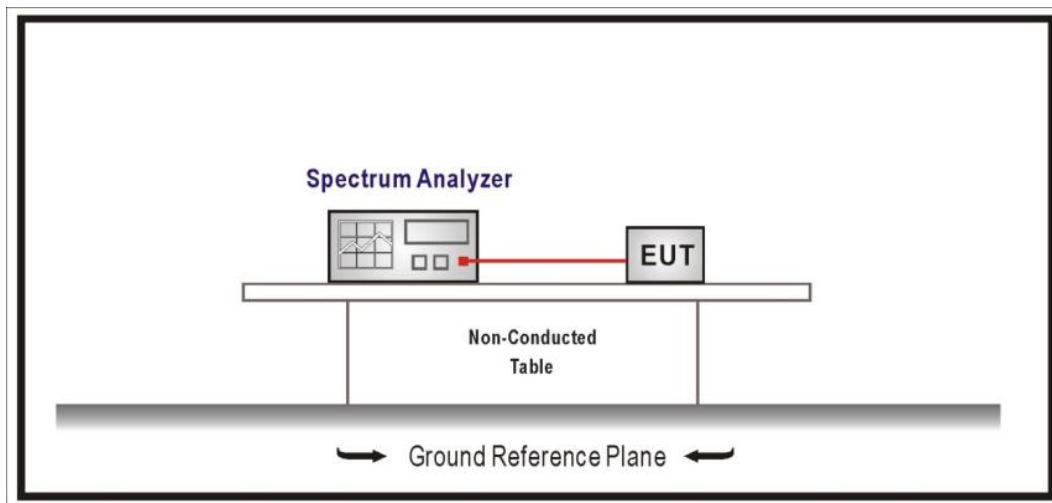
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. 6dB Bandwidth

4.1. Test Setup



4.2. Test Limit

The 6 dB bandwidth: ≥ 500 kHz.

4.3. Test Procedures

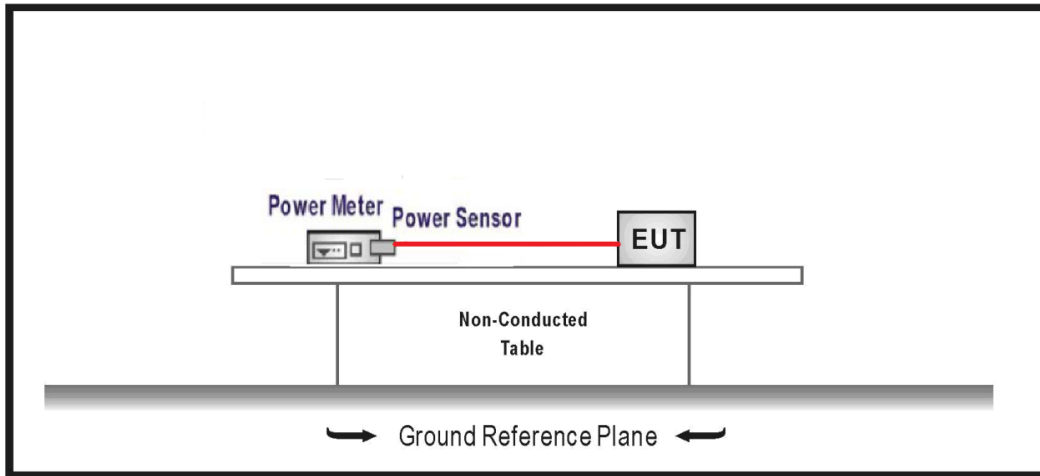
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

4.4. Test Result of 6dB Bandwidth

Refer as Appendix B

5. Maximum Peak Conducted Output Power

5.1. Test Setup



5.2. Test Limit

The Maximum Peak Conducted Output Power shall be less 1 Watt.

5.3. Test Procedures

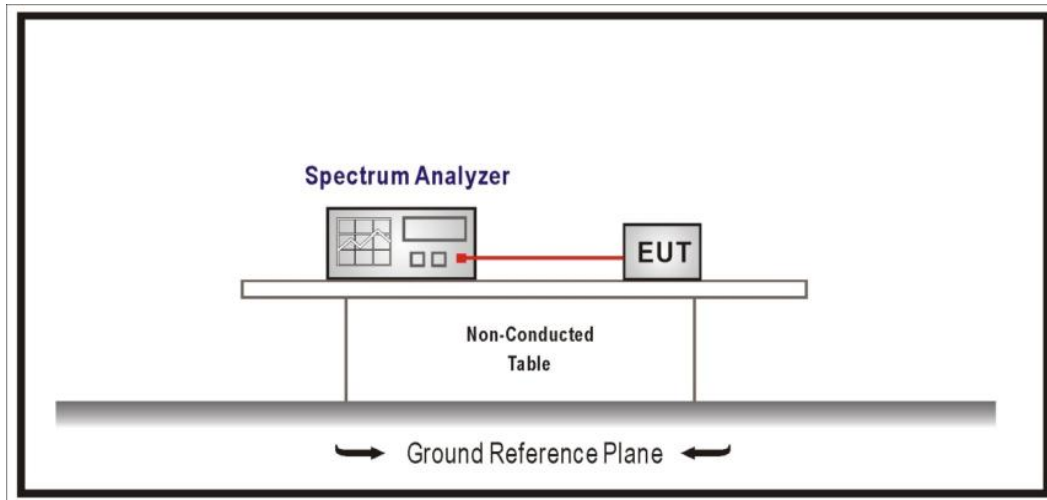
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

5.4. Test Result of Maximum Peak Conducted Output Power

Refer as Appendix C

6. Power Spectral Density

6.1. Test Setup



6.2. Test Limit

The power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.3. Test Procedures

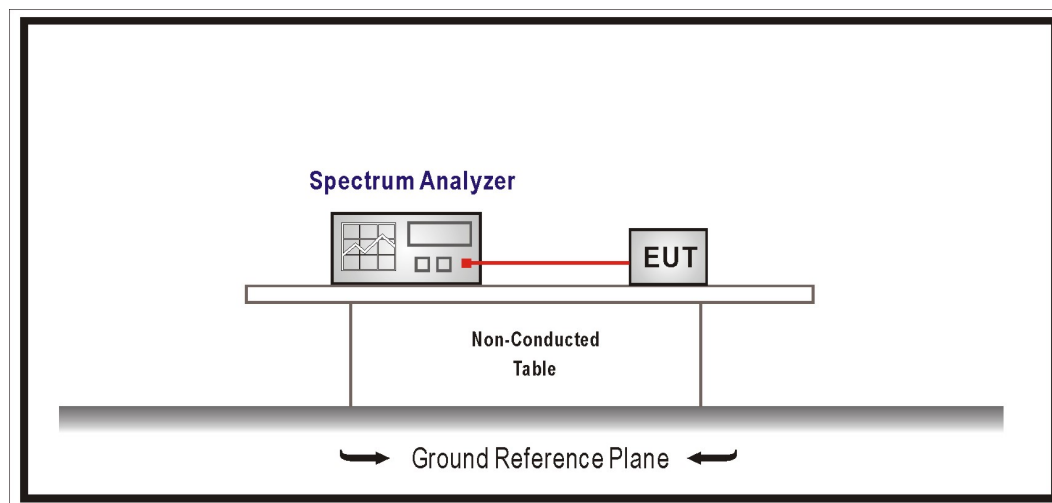
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

6.4. Test Result of Power Spectral Density

Refer as Appendix D

7. Antenna Port Conducted Emission

7.1. Test Setup



7.2. Test Limit

RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30

Remarks:

1. In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limit.
2. If the transmitter complies with the conducted power limit based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

7.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

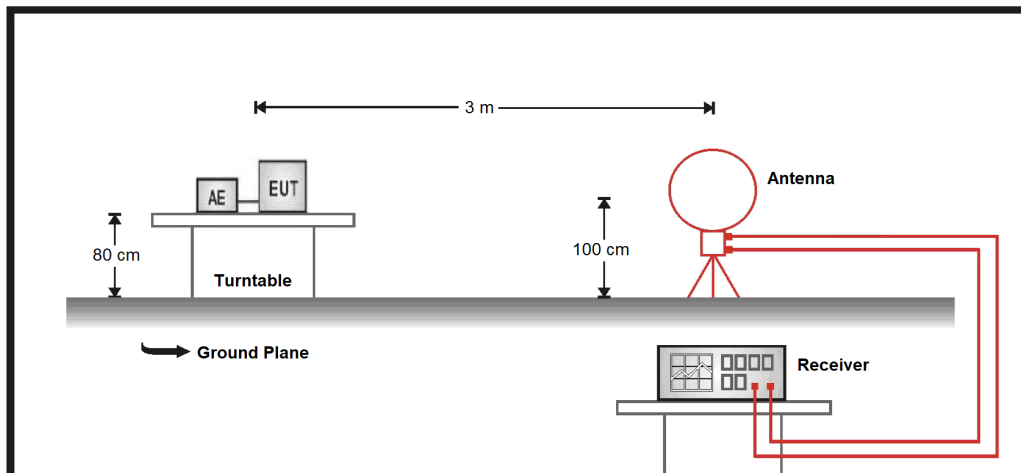
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

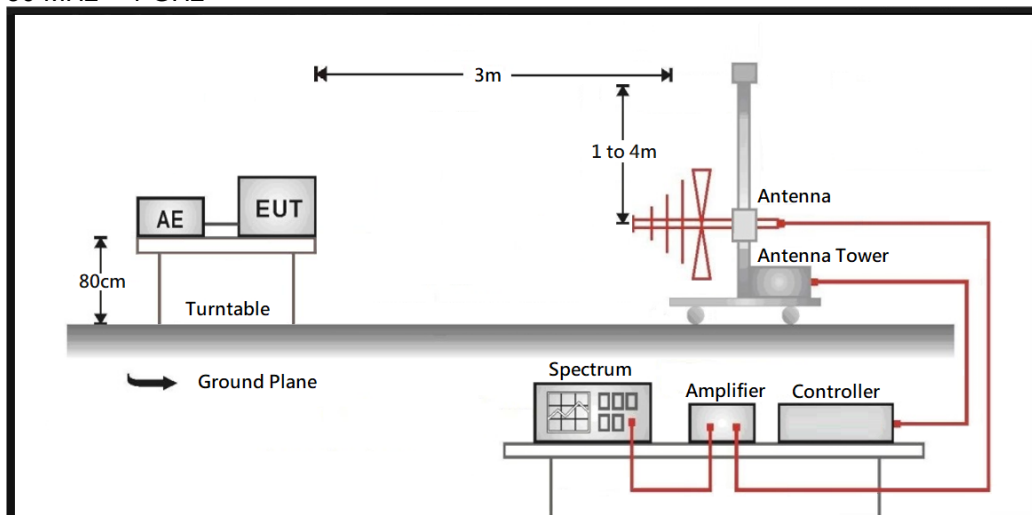
8. Radiated Emission

8.1. Test Setup

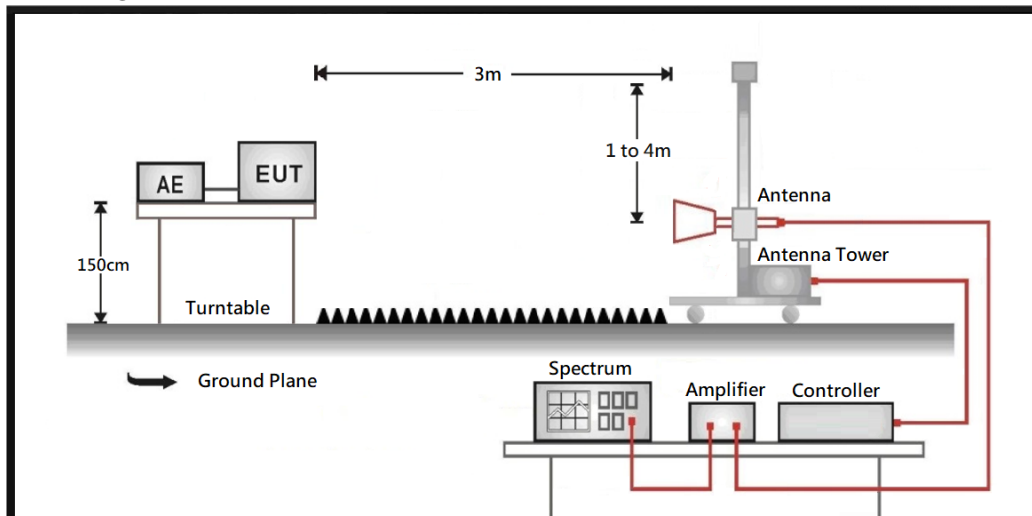
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



8.2. Test Limit

Frequency (MHz)	Field strength ($\mu\text{V/m}$)	Field strength ($\text{dB}\mu\text{V/m}$)	Measurement distance (m)
0.009 – 0.490	$2400/F(\text{kHz})$	$20 \log (2400/F(\text{kHz}))$	300
0.490 – 1.705	$24000/F(\text{kHz})$	$20 \log (24000/F(\text{kHz}))$	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength ($\text{dB}\mu\text{V/m}$) = $20 \log$ Field strength ($\mu\text{V/m}$)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

8.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

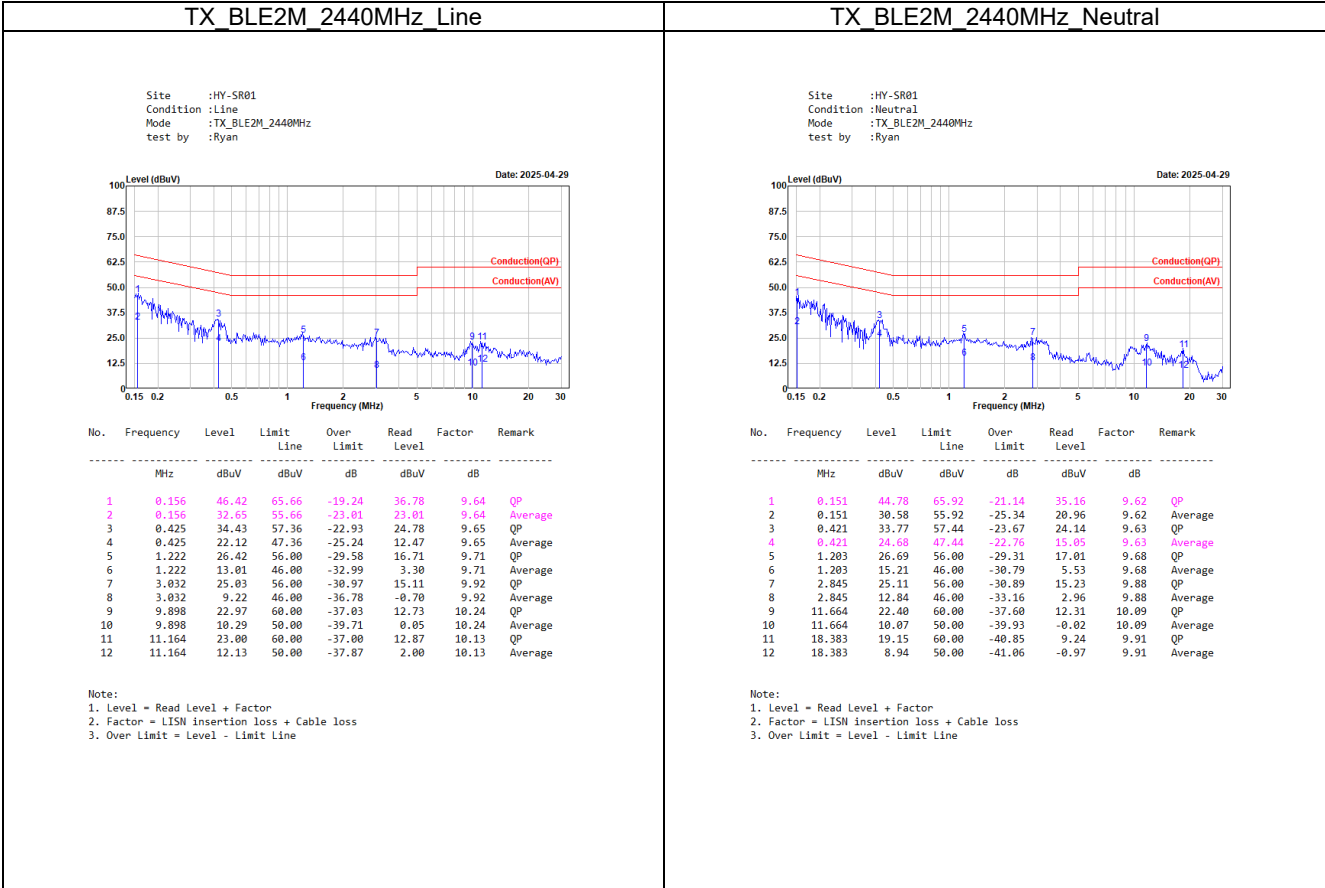
On any frequency or frequencies from 9 kHz (include The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limit shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

8.4. Test Result of Radiated Emission

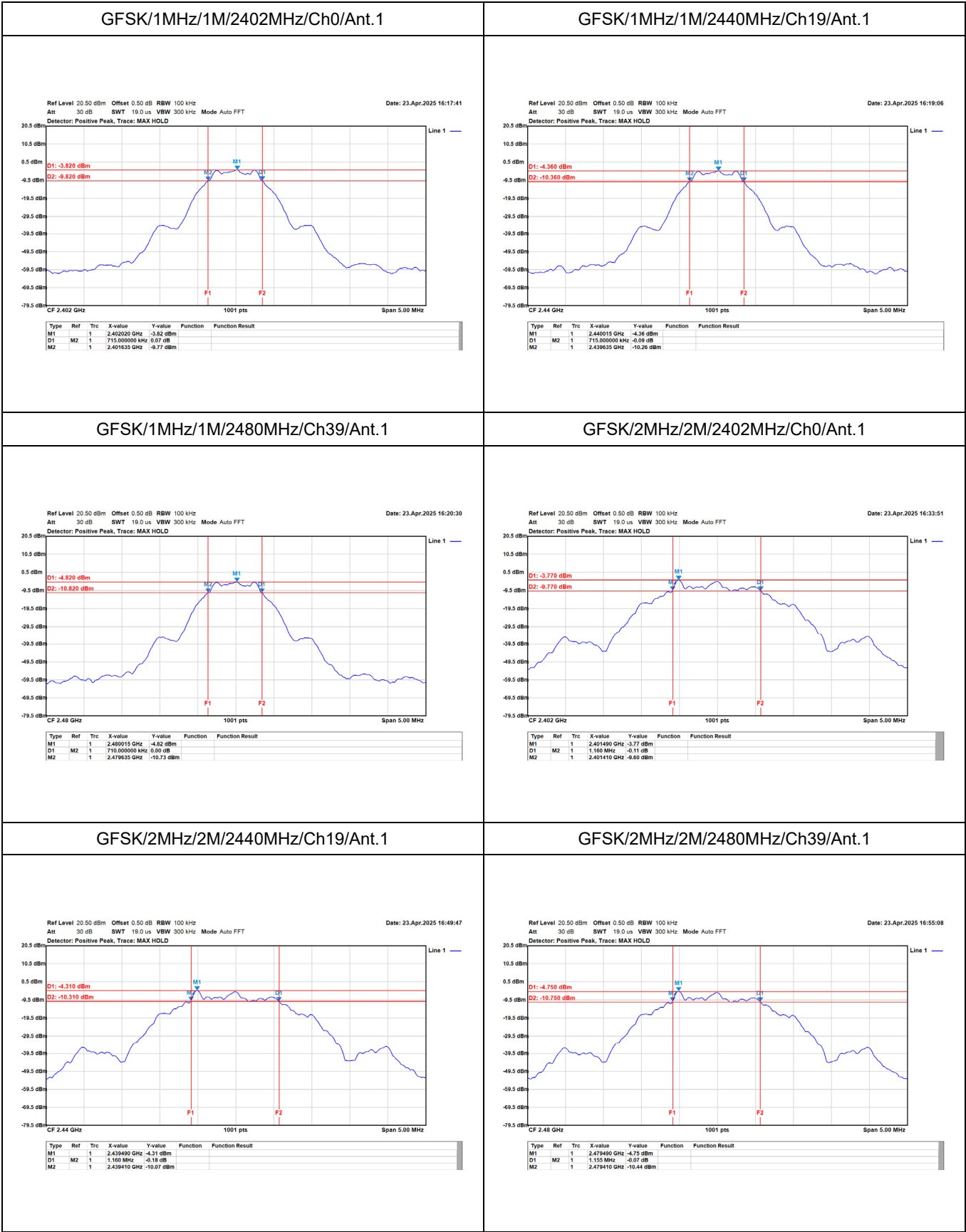
Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission



Appendix B. Test Result of 6dB Bandwidth

Modulation	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
		Ant. 1		
GFSK (1 Mbps)	2402	0.72	0.50	Pass
	2440	0.72	0.50	Pass
	2480	0.71	0.50	Pass
GFSK (2 Mbps)	2402	1.16	0.50	Pass
	2440	1.16	0.50	Pass
	2480	1.16	0.50	Pass

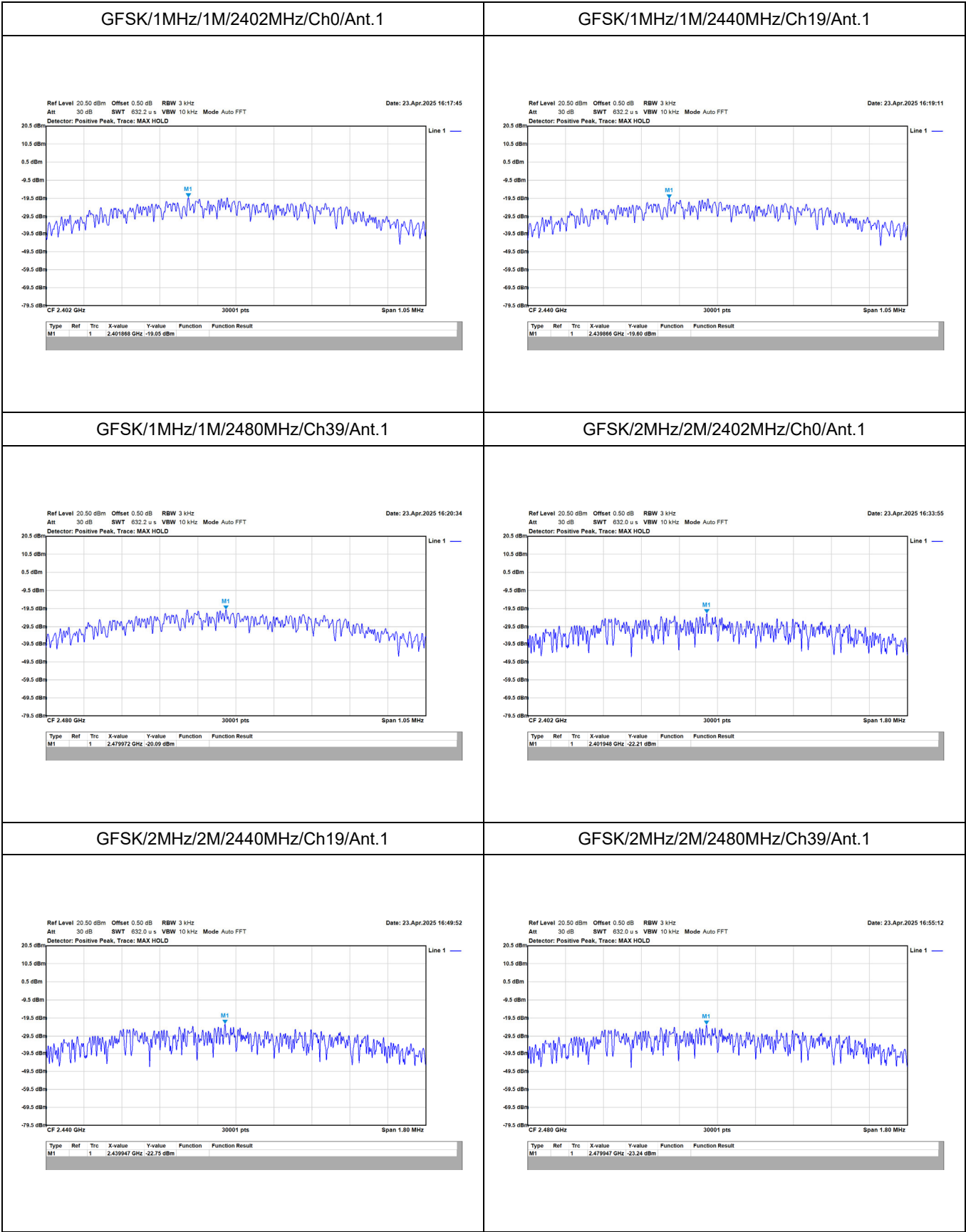


Appendix C. Test Result of Maximum Peak Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
GFSK (1 Mbps)	2402	-1.60	30.00	Pass
	2440	-1.89	30.00	Pass
	2480	-2.15	30.00	Pass
GFSK (2 Mbps)	2402	-1.50	30.00	Pass
	2440	-1.84	30.00	Pass
	2480	-2.10	30.00	Pass

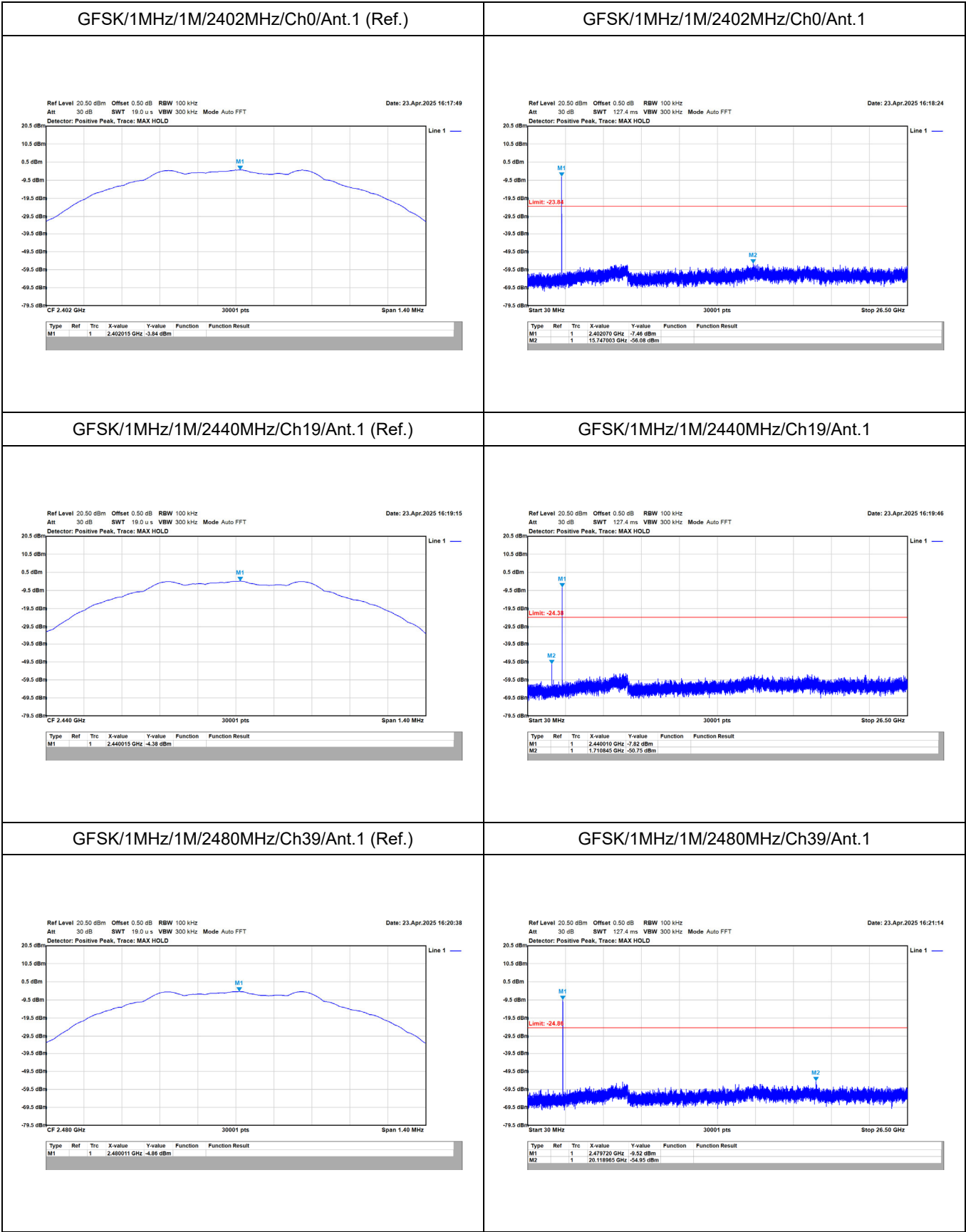
Appendix D. Test Result of Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
		Ant. 1		
GFSK (1 Mbps)	2402	-19.05	8.00	Pass
	2440	-19.60	8.00	Pass
	2480	-20.09	8.00	Pass
GFSK (2 Mbps)	2402	-22.21	8.00	Pass
	2440	-22.75	8.00	Pass
	2480	-23.24	8.00	Pass

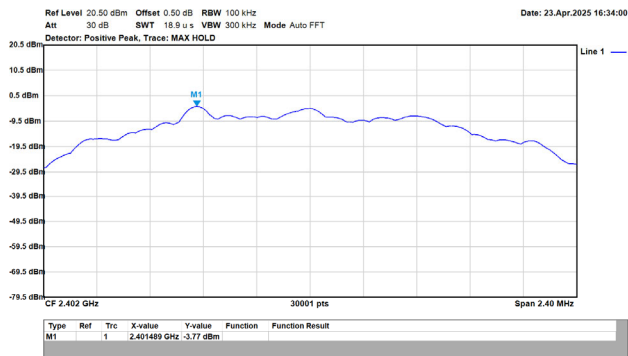


Appendix E. Test Result of Antenna Port Conducted Emission

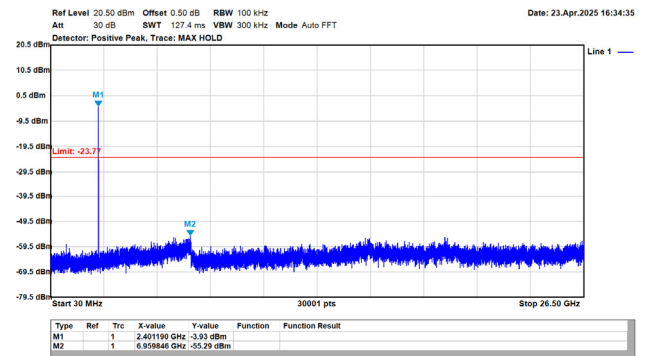
Modulation	Measurement Level Δ (dB)	Result
GFSK (1 Mbps)	> 20	PASS
GFSK (2 Mbps)	> 20	PASS



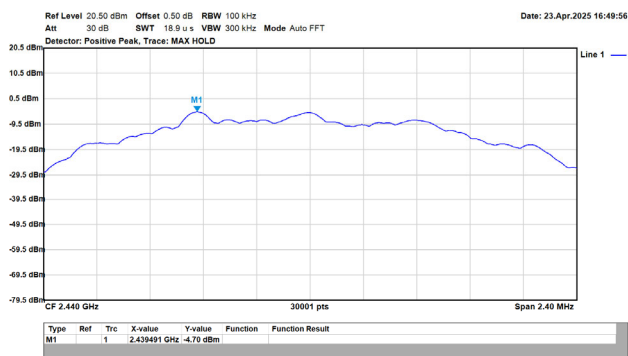
GFSK/2MHz/2M/2402MHz/Ch0/Ant.1 (Ref.)



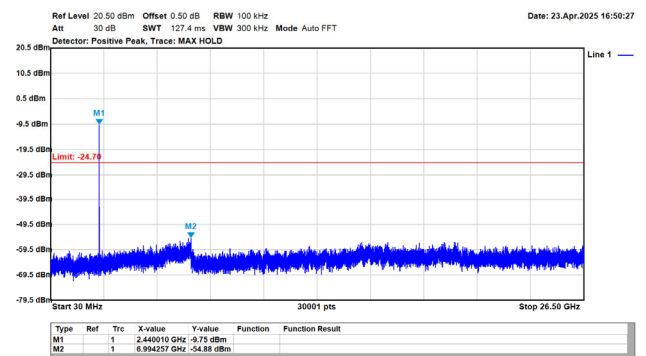
GFSK/2MHz/2M/2402MHz/Ch0/Ant.1



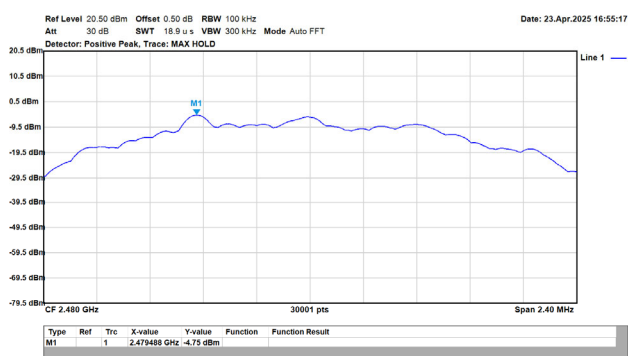
GFSK/2MHz/2M/2440MHz/Ch19/Ant.1 (Ref.)



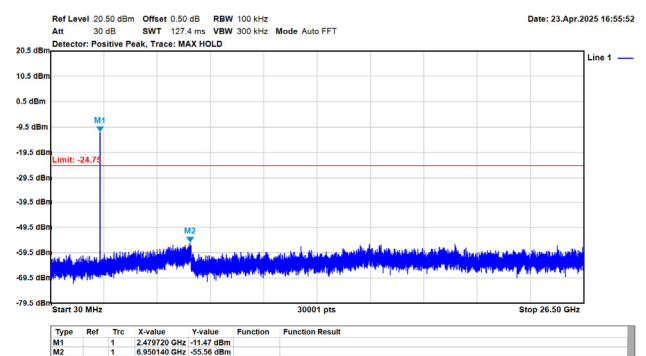
GFSK/2MHz/2M/2440MHz/Ch19/Ant.1



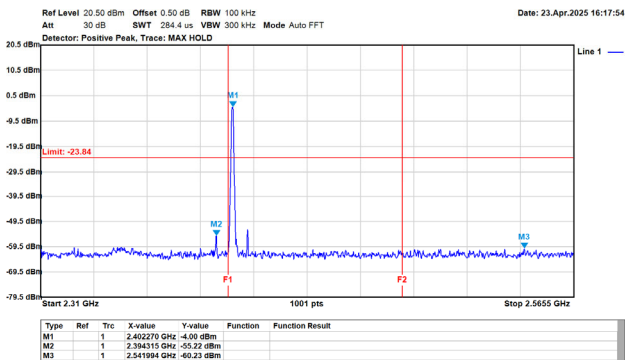
GFSK/2MHz/2M/2480MHz/Ch39/Ant.1 (Ref.)



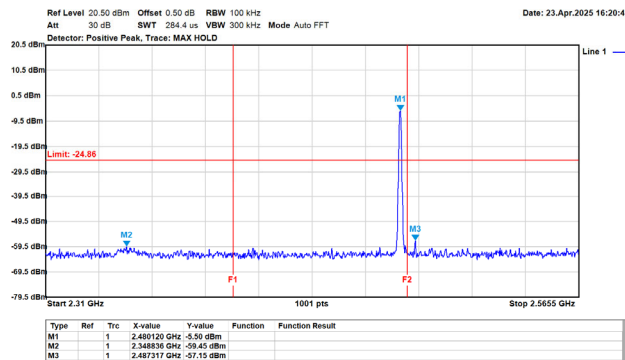
GFSK/2MHz/2M/2480MHz/Ch39/Ant.1



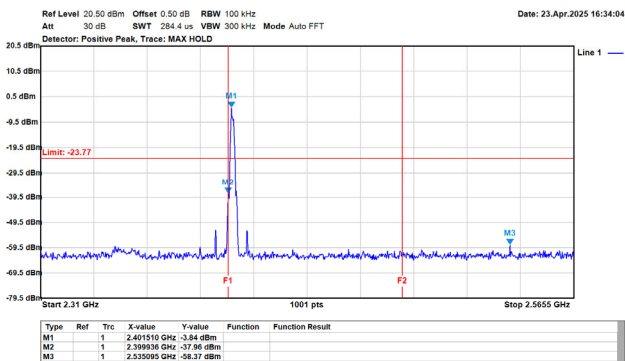
GFSK/1MHz/1M/2402MHz/Ch0/Ant.1(Band Edge)



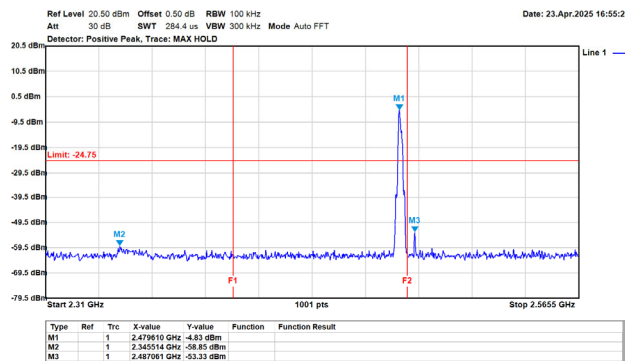
GFSK/1MHz/1M/2480MHz/Ch39/Ant.1(Band Edge)



GFSK/2MHz/2M/2402MHz/Ch0/Ant.1(Band Edge)



GFSK/2MHz/2M/2480MHz/Ch39/Ant.1(Band Edge)

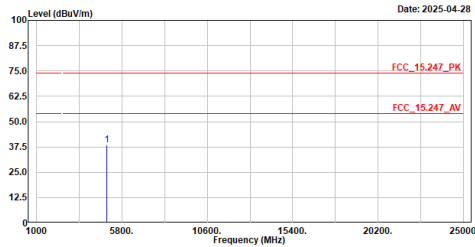


Appendix F. Test Result of Radiated Emission

TX_BLE1M_2402MHz_H Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_BLE1M_2402MHz Test BY :Bob Level (dBuV/m) Date: 2025-04-28 <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Line</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>4804.000</td><td>37.89</td><td>74.00</td><td>-36.11</td><td>52.84</td><td>-14.95</td><td>Peak</td></tr></table> Note: 1. Level = Read Level + Factor 2. Factor = Antenna Factor + Cable Loss - Preamp Factor 3. Over Limit = Level - Limit Line 4. The emission levels of other frequencies are very lower than the limit and not show in test report.	No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	Line	Limit	Level	dB/m		1	4804.000	37.89	74.00	-36.11	52.84	-14.95	Peak	TX_BLE1M_2402MHz_V Site :HY-CB03 Condition :3m ,Vertical Mode :TX_BLE1M_2402MHz Test BY :Bob Level (dBuV/m) Date: 2025-04-28 <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Line</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>4804.000</td><td>37.77</td><td>74.00</td><td>-36.23</td><td>52.72</td><td>-14.95</td><td>Peak</td></tr></table> Note: 1. Level = Read Level + Factor 2. Factor = Antenna Factor + Cable Loss - Preamp Factor 3. Over Limit = Level - Limit Line 4. The emission levels of other frequencies are very lower than the limit and not show in test report.	No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	Line	Limit	Level	dB/m		1	4804.000	37.77	74.00	-36.23	52.72	-14.95	Peak
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																										
	MHz	dBuV/m	Line	Limit	Level	dB/m																																											
1	4804.000	37.89	74.00	-36.11	52.84	-14.95	Peak																																										
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																										
	MHz	dBuV/m	Line	Limit	Level	dB/m																																											
1	4804.000	37.77	74.00	-36.23	52.72	-14.95	Peak																																										
TX_BLE1M_2440MHz_H Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_BLE1M_2440MHz Test BY :Bob Level (dBuV/m) Date: 2025-04-28 <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Line</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>4880.000</td><td>37.69</td><td>74.00</td><td>-36.31</td><td>52.28</td><td>-14.59</td><td>Peak</td></tr></table> Note: 1. Level = Read Level + Factor 2. Factor = Antenna Factor + Cable Loss - Preamp Factor 3. Over Limit = Level - Limit Line 4. The emission levels of other frequencies are very lower than the limit and not show in test report.	No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	Line	Limit	Level	dB/m		1	4880.000	37.69	74.00	-36.31	52.28	-14.59	Peak	TX_BLE1M_2440MHz_V Site :HY-CB03 Condition :3m ,Vertical Mode :TX_BLE1M_2440MHz Test BY :Bob Level (dBuV/m) Date: 2025-04-28 <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Line</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>4880.000</td><td>37.88</td><td>74.00</td><td>-36.12</td><td>52.47</td><td>-14.59</td><td>Peak</td></tr></table> Note: 1. Level = Read Level + Factor 2. Factor = Antenna Factor + Cable Loss - Preamp Factor 3. Over Limit = Level - Limit Line 4. The emission levels of other frequencies are very lower than the limit and not show in test report.	No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	Line	Limit	Level	dB/m		1	4880.000	37.88	74.00	-36.12	52.47	-14.59	Peak
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																										
	MHz	dBuV/m	Line	Limit	Level	dB/m																																											
1	4880.000	37.69	74.00	-36.31	52.28	-14.59	Peak																																										
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																										
	MHz	dBuV/m	Line	Limit	Level	dB/m																																											
1	4880.000	37.88	74.00	-36.12	52.47	-14.59	Peak																																										

TX_BLE1M_2480MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2480MHz
Test BY :Bob



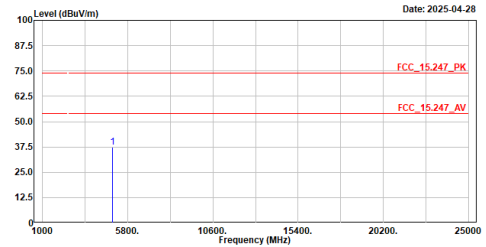
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	38.54	74.00	-35.46	52.76	-14.22	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2480MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2480MHz
Test BY :Bob



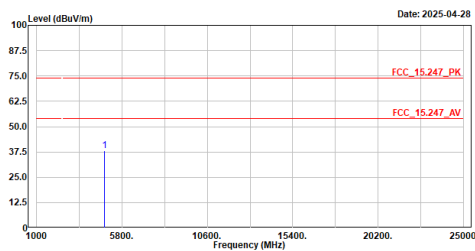
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	37.50	74.00	-36.50	51.72	-14.22	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2402MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2402MHz
Test BY :Bob



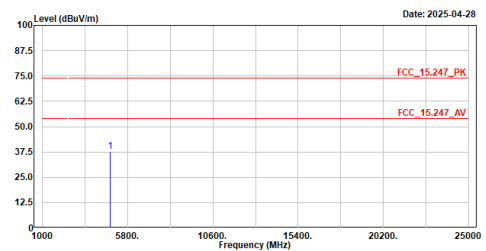
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	37.99	74.00	-36.01	52.94	-14.95	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2402MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2402MHz
Test BY :Bob



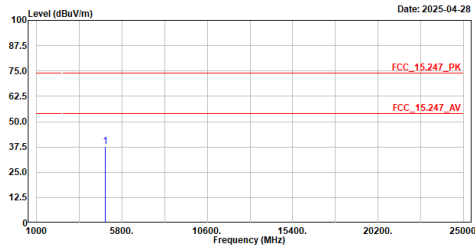
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	37.77	74.00	-36.23	52.72	-14.95	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2440MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2440MHz
Test BY :Bob



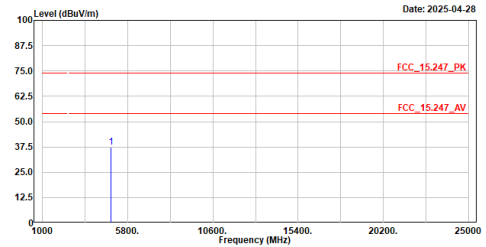
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	37.83	74.00	-36.17	52.42	-14.59	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2440MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2440MHz
Test BY :Bob



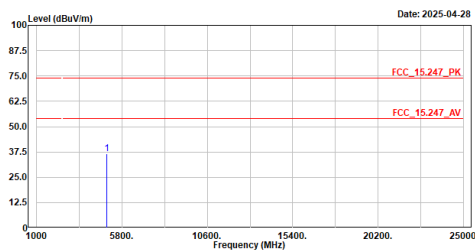
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	37.46	74.00	-36.54	52.05	-14.59	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2480MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2480MHz
Test BY :Bob



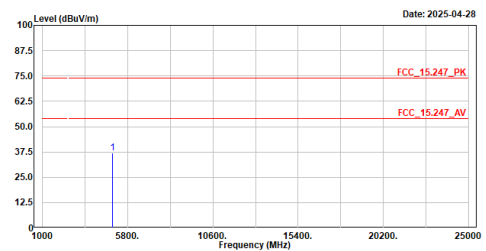
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	36.76	74.00	-37.24	50.98	-14.22	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2480MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2480MHz
Test BY :Bob



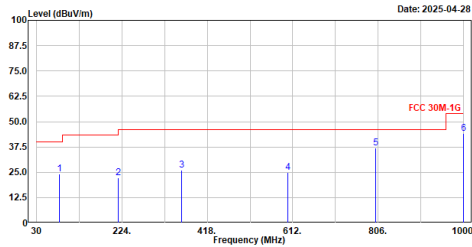
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	36.94	74.00	-37.06	51.16	-14.22	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2440MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2440MHz
Test BY :Ashton

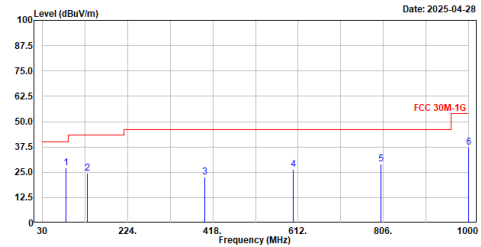


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	81.410	24.28	40.00	-15.72	53.89	-29.61	QP
2	215.270	22.32	43.50	-21.18	48.68	-26.36	QP
3	359.800	26.19	46.00	-19.81	47.98	-21.79	QP
4	600.360	24.90	46.00	-21.10	40.31	-15.41	QP
5	800.180	37.05	46.00	-8.95	49.54	-12.49	QP
6	1000.000	44.13	54.00	-9.87	54.66	-10.53	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_BLE2M_2440MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2440MHz
Test BY :Ashton

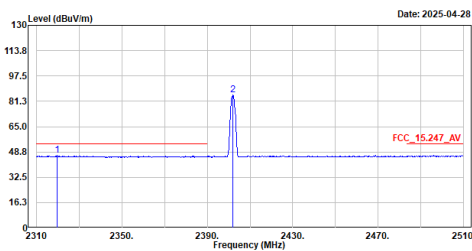


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	84.320	27.00	40.00	-13.00	56.89	-29.89	QP
2	131.850	24.38	43.50	-19.12	49.67	-25.29	QP
3	399.570	22.65	46.00	-23.35	42.90	-20.25	QP
4	600.360	26.37	46.00	-19.63	41.78	-15.41	QP
5	800.180	29.11	46.00	-16.89	41.60	-12.49	QP
6	1000.000	37.50	54.00	-16.50	48.03	-10.53	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_BLE1M_2402MHz_H Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2402MHz
Test BY :Bob

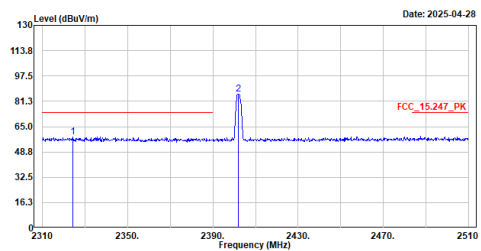


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2319.600	46.38	54.00	-7.62	15.77	30.61	Average
2	2402.000	85.22	-----	-----	54.76	30.46	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2402MHz_H Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2402MHz
Test BY :Bob

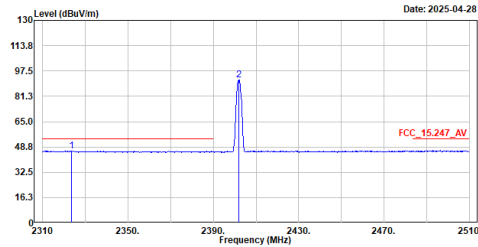


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2324.400	58.56	74.00	-15.44	27.99	30.57	Peak
2	2401.800	85.90	-----	-----	55.44	30.46	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2402MHz_V Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2402MHz
Test BY :Bob



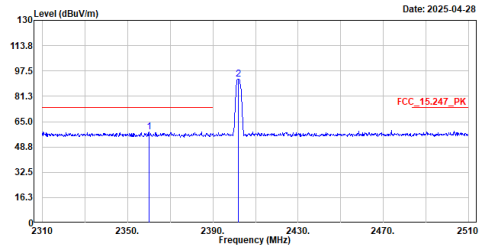
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2323.400	46.22	54.00	-7.78	15.64	30.58	Average
2	2402.000	91.85	-----	-----	61.39	30.46	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2402MHz_V Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2402MHz
Test BY :Bob



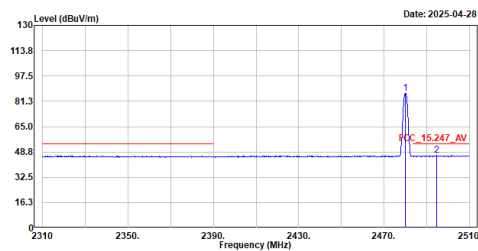
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2360.000	58.31	74.00	-15.69	27.89	30.42	Peak
2	2401.800	92.40	-----	-----	61.94	30.46	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2480MHz_H Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2480MHz
Test BY :Bob



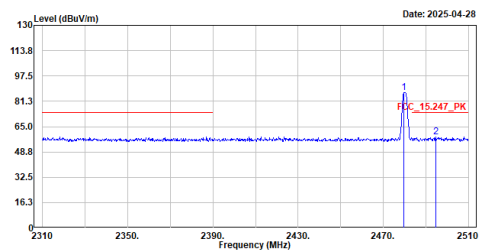
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	86.13	-----	-----	55.74	30.39	Average
2	2494.600	46.51	54.00	-7.49	16.00	30.51	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2480MHz_H Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2480MHz
Test BY :Bob



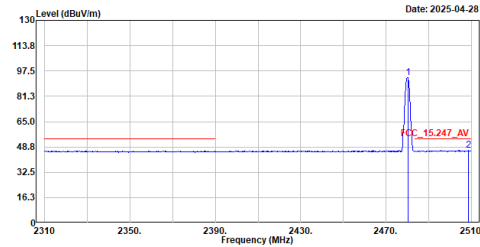
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2479.800	86.74	-----	-----	56.35	30.39	Peak
2	2494.600	58.60	74.00	-15.40	28.09	30.51	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2480MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2480MHz
Test BY :Bob

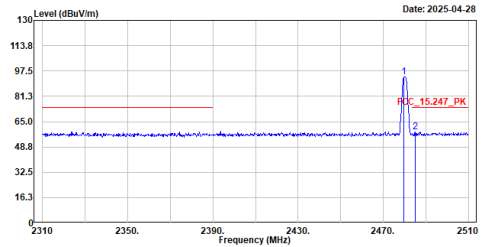


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.200	93.12	-----	-----	62.73	30.39	Average
2	2508.800	46.51	54.00	-7.49	15.99	30.52	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2480MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2480MHz
Test BY :Bob

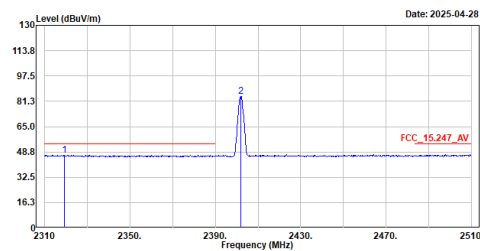


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2479.800	93.67	-----	-----	63.28	30.39	Peak
2	2485.000	58.59	74.00	-15.41	28.14	30.45	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2402MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2402MHz
Test BY :Bob

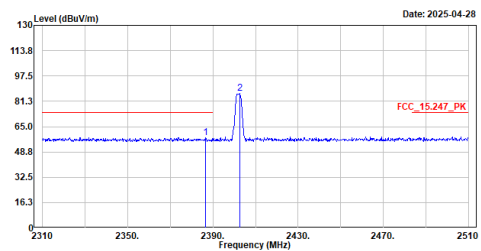


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2319.200	46.80	54.00	-7.20	16.19	30.61	Average
2	2402.000	84.31	-----	-----	53.85	30.46	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2402MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2402MHz
Test BY :Bob

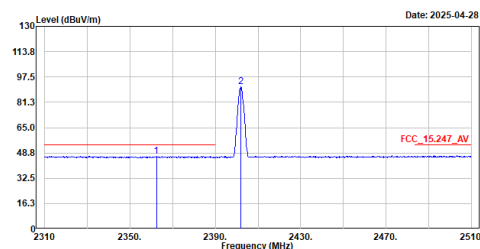


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2386.400	58.12	74.00	-15.88	27.68	30.44	Peak
2	2402.600	86.11	-----	-----	55.63	30.48	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2402MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2402MHz
Test BY :Bob



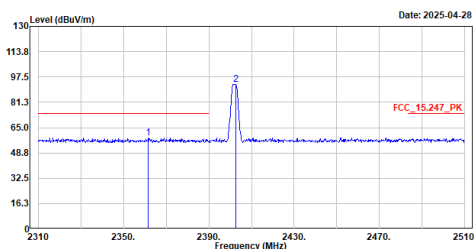
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2362.400	46.82	54.00	-7.18	16.40	30.42	Average
2	2402.000	91.10	-----	-----	60.64	30.46	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2402MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2402MHz
Test BY :Bob



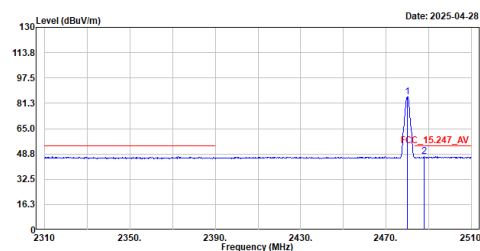
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2361.600	58.39	74.00	-15.61	27.97	30.42	Peak
2	2402.600	92.77	-----	-----	62.29	30.48	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2480MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2480MHz
Test BY :Bob



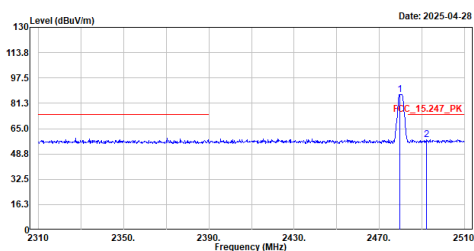
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.000	85.20	-----	-----	54.81	30.39	Average
2	2487.800	46.91	54.00	-7.09	16.43	30.48	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE2M_2480MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2479.600	87.01	-----	-----	56.62	30.39	Peak
2	2492.000	58.03	74.00	-15.97	27.53	30.50	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

